1. Valve spring
2. Delivery valve and seat
3. Pump barrel
4. Pump plunger
5. Control rod
6. Toothed quadrant
7. Control sleeve

FUEL INJECTION PUMP, SECTIONED

1. Compression screw
2. Nozzle cap nut
3. Spring cap nut
4. Nozzle valve
5. Valve spring
6. Nozzle body
7. Oil inlet connection
8. Fuel inlet connection
9. Needle valve
10. Protecting cap
11. Leak-off connection
12. Special copper washer
13. Counterbore

NOZZLE TYPES

Single Hole
Multi-Hole
Long Stem

HOLE ANGLE
ANGLE OF SPRAY
Pintle
Delay

INVERTED